

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Attorney Docket No.: **ISPH-0782**

Inventors: **Dean et al.**

Serial No.: **Not Yet Assigned**

Filing Date: **Herewith**

Examiner: **Not Yet Assigned**

Group Art Unit: **Not Yet Assigned**

Title: **Antisense Modulation of Interleukin-5  
Signal Transduction**

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By *Jane Massey Licata*  
Typed Name: **Jane Massey Licata, Reg. No. 32,257**

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Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

- (XX) In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.
- ( ) In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:
- ( ) Certification in Accordance with §1.97(e) is set forth below; or
- ( ) The fee of \$240.00 as set forth in §1.17(p) is attached.
- ( ) In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(I)(1).
- ( ) Copies of each of the references listed on the attached Form PTO-1449 (modified) are enclosed herewith.

(XX) In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 (modified) are not enclosed herewith because they were previously submitted to the U.S. Patent and Trademark Office in prior application Serial No. 09/800,629 filed March 7, 2001 and 09/280,799, filed March 26, 1999, for which a claim for priority under 35 U.S.C. §120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1619. This form is submitted in duplicate.

( ) The relevance of the listed references in a foreign language is as stated in the specification at pages @@.

(XX) All listed references are in the English language.

Respectfully submitted,

*Jane Massey Licata*

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Date: October 6, 2003

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<b>Form PTO-1449 Modified</b>  List of Patents and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce		Docket No. <b>ISPH-0782</b>	Serial No. <b>Not yet assigned</b>
		Applicant <b>Dean et al.</b>	
		Filing Date <b>Herewith</b>	Group <b>Not Yet Assigned</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	AA	Imamura, et al., "The Murine Interleukin-5 Receptor $\alpha$ -Subunit Gene: Characterization of the Gene Structure and Chromosome Mapping", <i>DNA Cell Biol</i> , <b>1994</b> 13:283-292	
	AB	Tavernier et al., "Molecular basis of the membrane-anchored and two soluble isoforms of the human interleukin 5 receptor $\alpha$ subunit", <i>Proc.Natl.Acad.Sci. USA</i> , <b>1992</b> 89: 7041045	
	AC	Tuypens et al., "Organization and chromosomal localization of the human interleukin 5 receptor $\alpha$ -chain gene", <i>Eur.Cytokine Netw.</i> , <b>1992</b> , 3:451-459	
	AD	Weltman and Karim, "Interleukin-5: A Proeosinophil Cytokine Mediator of Inflammation in Asthma and a Target for Antisense Therapy", <i>Allergy Asthma Proc.</i> , <b>1998</b> , 19: 257-261	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	

<b>Form PTO-1449 Modified</b>  List of Patents and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce	Docket No. <b>ISPH-0782</b>	Serial No. <b>Not yet assigned</b>
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	Filing Date <b>Herewith</b>	Group <b>Not Yet Assigned</b>

## U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation YES NO	
	AA	WO 96/40162	12-19-96	PCT	X	
	AB	WO 95/23225	8-31-95	PCT	X	

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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